

022304  
18351 US PTO

Brennan 5-84-2-6

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

**INVENTOR(S)** John McKenna Brennan  
Joseph Michael Freund  
Sujal Dipak Shah  
Richard Handly Shanaman, III

**CASE** 5-84-2-6

**TITLE** Semiconductor Device with  
Improved Thermal Characteristics

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I hereby certify that this paper or fee is being deposited with the  
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Date of Deposit: February 23, 2004

Signature: Miss L. Vulpis

**COMMISSIONER FOR PATENTS**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

SIR:

**NEW APPLICATION UNDER 37 CFR §1.53(b)**

Enclosed are the following papers relating to the above-named application for patent:

Specification, Claims and Abstract - 15 pages  
2 Sheets of informal drawing(s)  
Assignment with Cover Sheet  
Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	20-20 =	0	x \$18 =	\$0
Independent Claims	3-3 =	0	x \$86 =	\$0
Multiple Dependent Claim(s), if applicable			\$290 =	\$0
Basic Fee				\$770
			TOTAL FEE:	\$770

Please file the application and charge **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** the amount of \$810 (which includes \$770 to cover the filing fee and \$40 to cover the Assignment recordation fee). Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error.

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10/784756

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The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR §1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the undersigned attorney at (516) 759-7662.

Respectfully,



Date: February 23, 2004

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